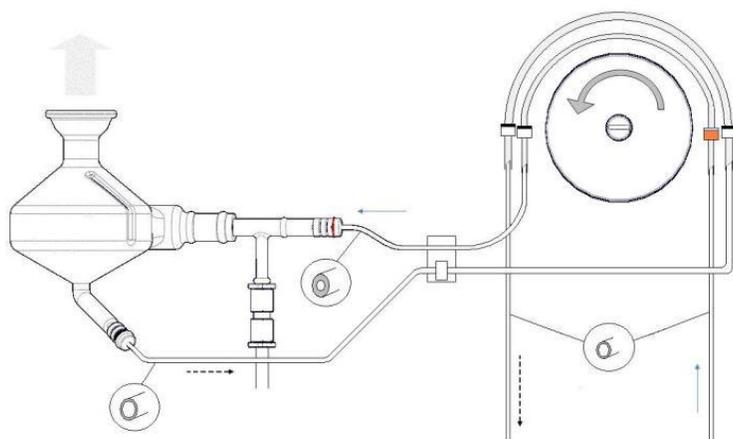


iCAP OES: Pump Windings or Pump tubings for iCAP 6000 series and iCAP 7200

These are the two stop tubings used for the sample pump on these instrument types.

This note is intended to reduce calls into technical support asking for sample tubing part numbers, material, stop color code or dimensions..

Below is our 2 stop tubing information for the above product lines.

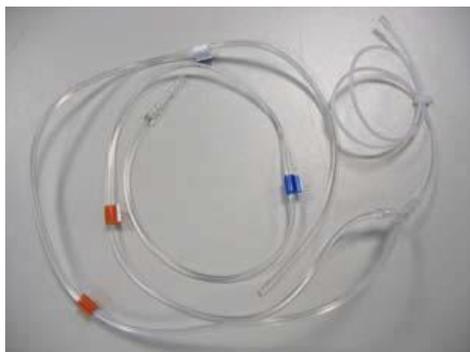


Pump Sample Tube Aqueous (pack of 6 **PVC** org/wht, 0.64mm ID) **842312051511**
Pump Drain Tube Aqueous (pack of 6 **PVC** wht/wht, 1.02mm ID) **842312051521**

Pump Sample Tube Organics (pack of 6 **Viton**, org/wht, 0.64mm ID) **842312051531**
Pump Drain Tube Organics (pack of 6 **Viton**, wht/wht, 1.02mm ID) **842312051541**

Solvent Flex Pump Sample Tubing (pack of 6 org/wht, 0.64mm ID) **842312051621**
Solvent Flex Pump Drain Tubing (pack of 6 wht/wht, 1.02mm ID) **842312051631**

842312051551 Internal Standards Kit, including Y connector, capillary tubing, and 6 pairs of pump tubing;
Sample tubing org/wht, 0.64mm ID (6 pieces)
Internal Standard tubing blu/org, 0.25mm ID (6 pieces)
Y fitting, one piece
Connecting loop capillary (Tubing PTFE 1.6 od 0.5 id, length 340mm)
Tygon tubing 3.5 od 1.8 id and length 24mm
Connector - miniature Straight barbed



Please note: the **Internal std tubing**, with **blu/org stops**, 0.25mm ID, **cannot be ordered separately** from this kit.

However, an additional **Y fitting can be ordered** under part number 13674600.

Your instrument's Sample uptake pump may be equipped with 3 or 4 tubing positions allowing for sample, hydride reductant and autosampler rinse flow-through to be dispensed. The fourth position, if present on your instrument, is for the pumped drain. The pump tubing designated "Drain" has a larger inner diameter, allowing for drainage flow in excess of that being taken up by sample line. Each pump tubing material is specifically recommended for a specific category of solution solvents. See Chemical Resistant Chart in the rear of our iCAP 6000 and 7000 Hardware Manual.

Tygon is recommended for aqueous solutions, and it is tolerant to all strong acids, including HF. Supplied in packages of 6 pieces.

Silicone Rubber is recommended for moderate polarity aldehyde, ketone, and ester solvents, such as acetone, methyl isobutyl ketone, and ethyl acetate. Supplied in packages of 6 pieces.

Viton Rubber is recommended for low polarity alkanes, aromatics, and halogenated hydrocarbons, such as gasoline, kerosene, toluene, xylene, chloroform, and carbon tetrachloride. It may also be used for high polarity alcohols such as methanol and ethanol. Supplied in packages of 6 pieces.

Solvent Flex is suitable for the determination of wear metals in oils diluted with kerosene. It is more stable than Viton and will provide increased lifetime at a lower cost. Solvent Flex tubing is supplied in packages of 6 pieces.

The drain and nebulizer Capillary tubing with Teflon fittings having Black or Red band can be ordered under p/n 842312051402 Nebulizer/Spray Chamber Connector Kit

Adapter PTFE Blk Ring w/integral capillary (chamber drain)	6 EA
Adapter PTFE Brn Ring w/integral capillary (neb uptake)	6 EA
Fitting Neb Gas 4mm inline QC (Ezylok)	3 EA

